10/590490 IAP12 Rec'd PCT/PT024 AUG 2006

903 PCT SEQUENCE (2) SEQUENCE LISTING

univ	ersità degl	i studi di	milano			
cass	ette for nu	cleic acid	expression	in plants		
7170	meur					
18						
Pate	entIn versio	n 3.1				
1						
1291	L					
DNA						
Arab	oidopsis tha	ıliana				
1	caaqqacata	taatataata	atatocttto	tttctctact	tctcttacta	60
						120
						180
						240
		•				300
						360
						420
						480
						540
						600
						660
						720
						780
						840
	cass 7170 18 Pate 1 1291 DNA Arak 1 gaca agct tatt tatt tatt taag tcct tatt ttact	cassette for nu 7170meur 18 PatentIn version 1 1291 DNA Arabidopsis that agct gttggattgatcgt atagaccagg tatt tgcctggttt gttt ggtttagttt tact aattgttatatatag agggtagacatcct tcacgtagatcacatcac	cassette for nucleic acid 7170meur 18 PatentIn version 3.1 1 1291 DNA Arabidopsis thaliana 1 gaca caaggacata tggtatgatg agct gttggattga tttgtctctt tcgt atagaccagg caggggctag tatt tgcctggttt attattcga gttt ggttagttt ggtttggttt	7170meur 18 PatentIn version 3.1 1 1291 DNA Arabidopsis thaliana 1 gaca caaggacata tggtatgatg atatgctttg agct gttggattga tttgtctctt cttacgttcc tcgt atagaccagg caggggctag ggcctagtga tatt tgcctggtt attattcga ttttaggtta gttt ggtttagttt ggtttggttg cactaagttc tact aattgttata cgtaaaatac aacaacaata taag agggtagaca ttttggtttg gtttggttca tcct tcacgtagat gacaaaataa agaaaaacat caac atggaaatca tatcacaaag acacaaatc gtat aattataagt tgtaagaata ttagttaaac tgaa aagttgaaaa caaaagacat ggatctaaag tct tctaaacttg aggatgtcca agttgcagtg ttca atgaaataat tgtgtttct cccacacttt	cassette for nucleic acid expression in plants 7170meur 18 PatentIn version 3.1 1 1291 DNA Arabidopsis thaliana 1 gaca caaggacata tggtatgatg atatgctttg tttctctgct atgct gttggattga tttgtcttt cttacgttcc cttcttttt tcgt atagaccagg caggggctag ggcctagtga tgggtattgg tatt tgcctggtt attattcga ttttaggtta attcaatttt gttt g	cassette for nucleic acid expression in plants 7170meur 18 PatentIn version 3.1 1 1291 DNA Arabidopsis thaliana

903 PCT SEQUENCE (2) taïgagttga ttatcactat atttataagt aattaccaac gaatgttcca aattaagcaa	900
aatattgtaa tcgatacact atgtattcat ctacaatatg ttaacgagct ccttttatgg	960
aaatatttcg attgaaaaaa catttgatgg atcgttcact aaataaataa tccagtaacg	1020
ttttcttaag ggagatatac atattcgtgt ggagatcaac atatcttcgt taattgacta	1080
cgcaaaatag ttaatggaaa aggcagagtg actcgtgagc ttggcagatc caaaagaggt	1140
tgtcaagaaa aagcagattt aaaagttctt ccctcttctt taagtcaccc attaatttca	1200
catatatgta catacatgtt gcatttaact catatacata catattctca catctataaa	1260
gagagcataa gactcagaga gatctagagg a	1291
<210> 2	
<211> 246	
<212> DNA	
<213> Arabidopsis thaliana	
<400> 2 cgtgtggaga tcaacatatc ttcgttaatt gactacgcaa aatagttaat ggaaaaggca	60
gagtgactcg tgagcttggc agatccaaaa gaggttgtca agaaaaagca gatttaaaag	120
ttcttccctc ttctttaagt cacccattaa tttcacatat atgtacatac atgttgcatt	180
taactcatat acatacatat tctcacatct ataaagagag cataagactc agagagatct	240
agagga	246
<210> 3	
<211> 603	
<212> DNA	
<213> Arabidopsis thaliana	
<400> 3 caagttgcag tgaatgattc cctttaatca tggagaaatt caatgaaata attgtgtttc	60
ttcccacact ttatctttat ttattttctt accacaatta caactattat cacaaaaatg	120
taagtaacat agcttgtgac tcttcttcca tttatgagtt gattatcact atatttataa	180
gtaattacca acgaatgttc caaattaagc aaaatattgt aatcgataca ctatgtattc	240
atctacaata tgttaacgag ctccttttat ggaaatattt cgattgaaaa aacatttgat	300
ggatcgttca ctaaataaat aatccagtaa cgttttctta agggagatat acatattcgt	360
gtggagatca acatatcttc gttaattgac tacgcaaaat agttaatgga aaaggcagag Page 2	420

tgactcgtga gcttggcaga tccaaaagag gttgtcaaga aaaagcagat ttaaaagttc	480
ttccctcttc tttaagtcac ccattaattt cacatatatg tacatacatg ttgcatttaa	s 540
ctcatataca tacatattct cacatctata aagagagcat aagactcaga gagatctaga	a 600
gga	603
210 4	

<210> 4

<211> 999

<212> DNA

<213> Arabidopsis thaliana

60	agatttttcg	caacaataac	taaaatacaa	ttgttatacg	acactactaa	<400> 4 atagaatcta
120	tttttttcc	ttggttcatt	ttggtttggt	ggtagacatt	cgtttaagag	tttcaatttt
180	atgaaagttg	aaaaacatga	caaaataaag	acgtagatga	cacatccttc	ctttcaaatt
240	actaatgggt	cacaaatcta	tcacaaagaa	ggaaatcata	gcatcaacat	taacttgtaa
300	aggcaacgag	agttaaacag	taagaatatt	ttataagttg	attggtataa	cttttcacat
360	tcaagcaaaa	atctaaagag	aaagacatgg	gttgaaaaca	tatatgaaaa	agatgcgtga
420	tgattccctt	ttgcagtgaa	gatgtccaag	taaacttgag	ttttttcttc	tgtaatatct
480	ctttatttat	cacactttat	tgtttcttcc	gaaataattg	gaaattcaat	taatcatgga
540	tgtgactctt	taacatagct	aaaatgtaag	tattatcaca	caattacaac	tttcttacca
600	atgttccaaa	ttaccaacga	ttataagtaa	atcactatat	tgagttgatt	cttccattta
660	aacgagctcc	acaatatgtt	gtattcatct	gatacactat	tattgtaatc	ttaagcaaaa
720	ataaataatc	cgttcactaa	tttgatggat	tgaaaaaaca	atatttcgat	ttttatggaa
780	atcttcgtta	agatcaacat	attcgtgtgg	agatatacat	ttcttaaggg	cagtaacgtt
840	ggcagatcca	tcgtgagctt	gcagagtgac	aatggaaaag	caaaatagtt	attgactacg
900	agtcacccat	ctcttcttta	aagttcttcc	gcagatttaa	tcaagaaaaa	aaagaggttg
960	tattctcaca	tatacataca	atttaactca	tacatgttgc	tatatgtaca	taatttcaca
999			tctagagga	ctcagagaga	gagcataaga	tctataaaga

<210> 5

<211> 22

<212> DNA

<213> Unknown

<220>			
<223>	synthetic primer		
<400> tcggato	5 cctc tagatctctc tg		22
<210>	6		
<211>	24		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> aagctt	6 caca aggacacaag gaca		24
<210>	7		
<211>	27		
<212>	DNA		
<213>	Unknown		
<220>		·	
<223>	synthetic primer		
<400> atagaa	7 tcta acactactaa ttgttat		27
<210>	8		
<211>	23		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> aagctt	8 ccaag ttgcagtgaa tga	Page 4	23

<21 <u>0</u> >	9		
<211>	23		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> aagctt	9 cgtg tggagatcaa cat		23
<210>	10		
<211>	22		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> aagctt	10 gcag agtgactcgt ga		22
<210>	11		
<211>	24		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> cactto	11 gatgg agctctctaa tatg		24
<210>	12		
<211>	21		
<212>	DNA		
<213>	Unknown	Page 5	

<220>			
<223>	synthetic primer		
<400> ctgcaga	12 acgt ttgtctagta g		21
<210>	13		
<211>	21		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> ctcatg	13 gccg ccggatcttg a		21
<210>	14		
<211>	23		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> cttgtc	14 tctc catatcttga gca		23
<210>	15		
<211>	29		
<212>	DNA		
<213>	Unknown		
<220>			
<223>	synthetic primer		
<400> ggagaa	15 Igaac ttttcactgg agttgtccc	Page 6	29

•		
<210>	16	
<211>	30	
<212>	DNA	
<213>	Unknown	
<220>		
<223>	synthetic primer	
<400>	16 atcc atgccatgtg taatcccagc	30
cugere		
<210>	17	
<211>	20	
<212>	DNA	
<213>	Unknown	
<220>		
	synthetic primer	
<400>	17 ggtt caggcacagc	20
<210>	18	
	21	
<212>		
<213>	Unknown	
<220>		
	synthetic primer	
<400> ctgtgg	18 gaatt gatcagcgtt g	21